

Y P - 6 0

SAMSUNG

D I G I T A L A U D I O P L A Y E R



yepp
Sports™

- Sports Function Support
- Encoding Function
- Removable Storage Device
- 3D surround sound
- MP3 & WMA Playback
- FM Reception
- 15-Hour Continuous Play



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Safety Instructions

Read and understand all the instructions to avoid injury to yourself and damage to the equipment.

Do not expose to extreme temperatures (above 95°F or below 23°F). Do not expose to moisture.



Do not apply excessive pressure to the device.



Do not let any foreign matter spill into the device.



Do not place heavy objects on top of the device.



Do not expose to chemicals such as benzene and thinners.



Do not use the unit near any appliance that generates a strong magnetic field.



Do not expose to direct sunlight or heat sources.



Do not store in dusty areas.



Do not try to disassemble and repair the device yourself.



* Please be aware that we disclaim all responsibility for damages from loss of saved or recorded data due to breakdown, repair or other causes.

Earphones

Follow Traffic Safety Instructions

- Do not use the earphones while driving an automobile or riding a bicycle. It's not only dangerous, but also against the law.
- An accident may result if you turn up the volume of the earphones too high while walking down the street, especially when crossing at intersections.

Protect your ears

- Do not turn the volume up too high. Doctors warn against prolonged exposure to high volumes.
- Stop using the device or turn the volume down if you get ringing in your ears.

Ambient operating conditions

- Ambient temperature : 5°C ~ 35°C (41°F ~ 95°F)
- Humidity : 10 ~ 75%

Environmental Information

- Follow local guidelines for waste disposal when discarding packaging, batteries, and old electronic appliances.
- yepp packaging uses cardboard, polyethylene etc., and does not use any unnecessary materials.

Battery Charger Safety



CAUTION

RISK OF ELECTRIC SHOCK. DO NOT OPEN



The uninsulated parts inside the charger can cause electric shock.

For your safety, do not open the charger's case.



Read this User Manual to prevent any problems that may occur while using the charger.

Warning

- Use the charger away from water sources to avoid fire or electric shock.

Caution

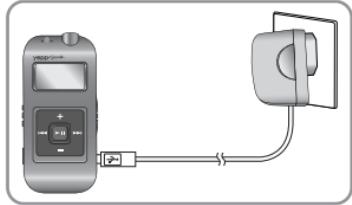
- To avoid electric shock, Use the charger only with a power outlet that matches the converter's plug.
- Make sure that the charger's plug is inserted all the way into the outlet.

Cautions for Recharging

A charger is provided with the YP-60.
Please be sure to only use the provided adapter.

Plug the charger into a wall outlet.

- * When recharging is complete, "FULLY CHARGED" is shown in the display window.
- * Recharging continues to take place even when the USB cable is connected.



Caution

- Do not charge longer than the specified charge time to avoid risk of fire.
- Do not plug several devices into the same outlet.
- Do not use a damaged internal rechargeable battery or recharge adapter.
- When using the rechargeable battery for the first time or after several months of non-use, fully charge it first.
- Do not charge the rechargeable battery for more than 6 hours.
- Overcharging or overdischarging will reduce battery life.
- You should check the recharging time and switch to a new internal rechargeable battery when the battery life becomes low.
- The rechargeable battery is a consumable item and its capacity will decrease gradually.
- To prolong the life of your battery, use the fully charged battery until it is completely discharged, and then fully charge it again before use. If you charge a battery that is not completely drained, the battery operating time will decrease. In this case, repeat the full charge/discharge cycle several times.
- Do not let metallic objects, such as necklaces or coins, come into contact with the terminals (metallic parts) of the charger and the built-in rechargeable battery. A fire or electric shock may result.
- Be careful not to touch the recharge adapter with wet hands.

DIGITAL SOUND yepp'

110010101001101

Sports Function Support

- Using the Consumed Calories, Heartrate and Stopwatch functions will help you exercise much more efficiently and scientifically.

Encoding Function

- You can make an MP3 file from an external source using the ENC jack on the main unit.
- You can also convert an FM radio program into an MP3 file in real time.

Removable Storage Device

- You can easily copy and paste files to the yepp player using Windows Explorer.

DIGITAL SOUND yepp'

110010101001101

3D surround sound

- You will hear deep bass and 3D surround sound.
-  is a trademark of SRS Labs, Inc.

WOW technology is incorporated under license from SRS labs, Inc.

MP3 & WMA Playback

- MP3 is an MPEG1 Layer3 audio format.
- WMA is a Microsoft Windows Media audio format.

DIGITAL SOUND y epp'

FM Reception

- Listening to an FM program is made easy with Auto Search and Frequency Memory functions.

Sound

- You can adjust the equalizer manually.

15-Hour Continuous Play

- Use a lithium polymer rechargeable battery in order to play continuously for up to 15 hours.

Accessories



Player



Sports Earphone



Arm band



Finger Clip



Necklace case



Necklace



Earphone extension cable



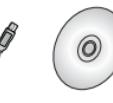
Line In cable



USB cable



Charger



Installation CD

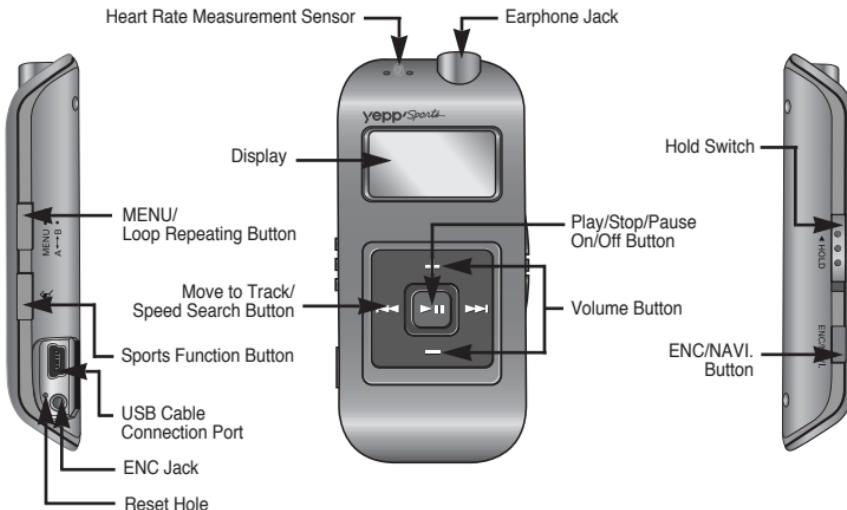


User manual

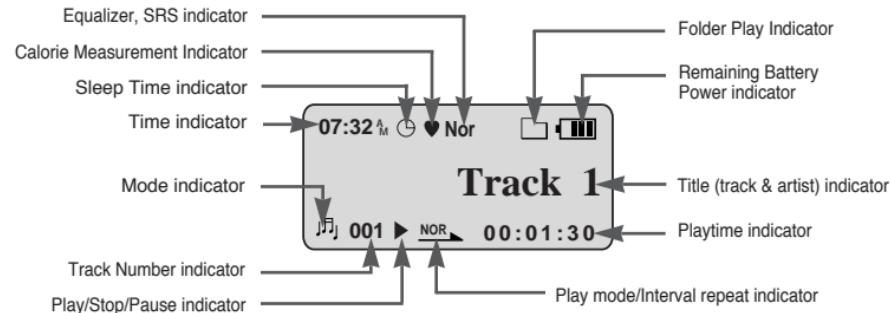
Model	YP-60 H	YP-60 V	YP-60 X	YP-60 Z
Built-in memory	128MB	256MB	512MB	1GB

- The capacity of the useable built-in memory is less than indicated as the internal firmware uses a part of the memory as well.
- Design of accessories is subject to change, for the purposes of improvement, without notice.

Location of Controls (yepp)



Display



Note

- If the device won't respond even after pressing the buttons, reboot it by pressing the Reset Hole with a pin.

Connecting the yepp to a PC

System Requirements.

The PC system must meet the following specifications:

- Pentium 133MHz or greater.
- Windows 98SE/ME/2000/XP.
- 40MB of available hard disk space
- CD-ROM drive.
(double speed or greater)
- USB port (1.1) supported.
- VGA graphics.
- DirectX 8.0 or above.

Before connecting yepp to PC, make sure to install USB driver. If "Add New Hardware Wizard" appears, press the [Cancel] button and install USB driver.

Installing software

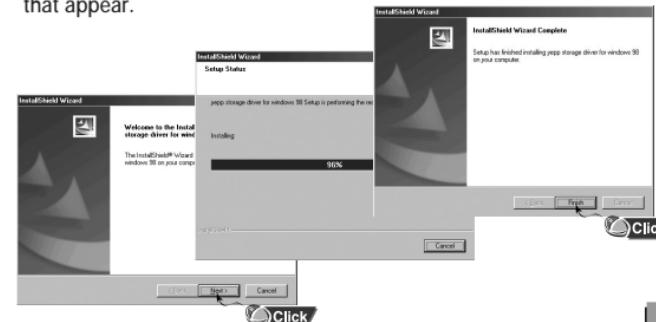
1 Insert the Installation CD into the CD-ROM drive.
The picture shown below appears.
Select [yepp USB Driver].



2 Choose the language you wish to use.



3 Click [Next] in the series of windows that appear.



Continued...

Connecting the yepp to a PC

Connecting the yepp to a PC with a USB cable

4 Connect a USB cable to the USB port on the computer.

5 Connect the opposite end of the USB cable to the USB cable port on the right side of the yepp.

- If you disconnect the USB cable from your PC while implementing a command or initializing during USB driver installation, your PC may not function correctly.

6 The USB driver is installed with a message saying that it is searching for a new device. You may not see the display screen during installation.

Go to the device manager to check that installation has been successfully completed.

7 Upon installation of the USB driver "SAMSUNG YP-60" will appear in the [System Properties] → [Device Manager].



How to check the USB driver

● Windows 98/ME:
Control Panel → System → Device Manager → Disk drives → SAMSUNG YP-60

● Windows 2000:
Control Panel → System → Hardware → Device Manager → Disk drives → SAMSUNG YP-60 USB Device

● Windows XP:
Control Panel → System → Hardware → Device Manager → Disk drives → SAMSUNG YP-60 USB Device



8 When the USB driver is not installed automatically, refer to the next page.

Manual Installation of the USB Driver

Go to "Downloading/Uploading Files" if the USB driver is in place.
Follow these steps if the USB driver is not in place.

When an error occurs during installation of the USB driver

1 Check the device manager.

- Windows 98,ME:
Control Panel → System → Device Manager
- Windows 2000:
Control Panel → System → Hardware → Device Manager
- Windows XP:
Control Panel → System → Hardware → Device Manager



2 Check if there is a device listed with an exclamation point or a question mark (displayed as unknown device or USB device).

3 Double click on the device listed with an exclamation point or a question mark.

4 After selecting the driver, click on [Update Driver].



5 Select a compatible driver, click on [Next] to finish.



Manual Installation of the USB Driver

In Windows 98

Click [Next] in the series of windows that appear.



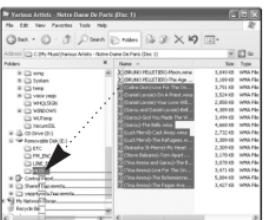
Select [Specify a location] ◀
and then select
[CD-ROM]/driver for win98.

- You must reboot your computer to complete the installation.

Using the removable storage

Downloading/Uploading files

- 1 Connect the yepp to your PC and turn it on.
- 2 Open Windows Explorer on PC.
- 3 Select the file to save and drag-and-drop it into the removable disk icon.
(In numerical, alphabetical order)



Notice

- Music File can be played only when it is downloaded in the MUSIC folder or the folder right below MUSIC folder.
- The order of music files is not relative to the replay order when you select a Removable Disk in Windows Explorer.
- While either DOWNLOAD or UPLOAD on the LCD of yepp is turned on, do not remove USB cable. Your PC might malfunction.
If "READY" will be displayed on the LCD of yepp, it means that transmission is completed. Then you can remove USB cable.

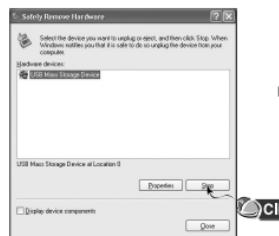
Disconnecting the USB cable

After completing the file transmission, you must disconnect the cable in the following way:

- 1 Double-click on the green arrow in the taskbar on the bottom right of the window.



- 2 When the [Hardware device stopped] message appears, press the [OK] button and disconnect the USB cable.

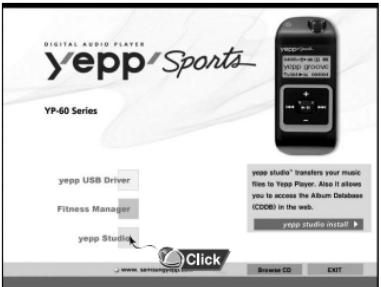


Note

- On search engine of Windows98, put the mouse on the portable drive and click the right mouse button to execute "Eject".
(When "READY" is displayed on the LCD of yepp after executing "Eject", remove USB cable.)

Installing yepp Studio

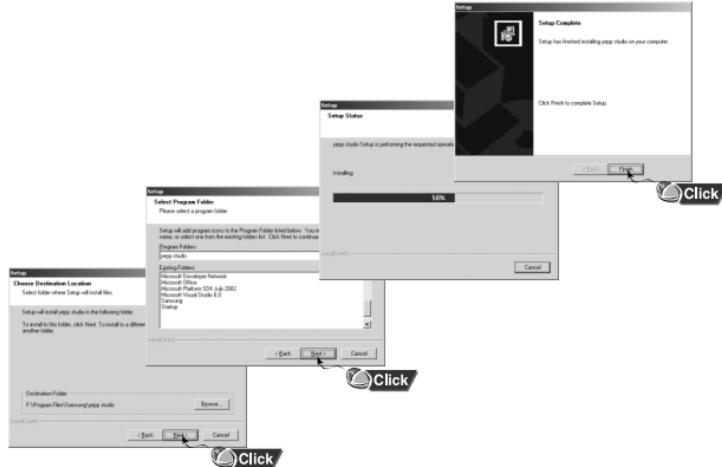
1 Insert the Installation CD into CD-ROM drive.
Select [yepp Studio].



2 Select language



3 Click [Next] in the series of windows that appear.
● Please refer to Help for more information on how to use yepp Studio.



Installing yepp Studio

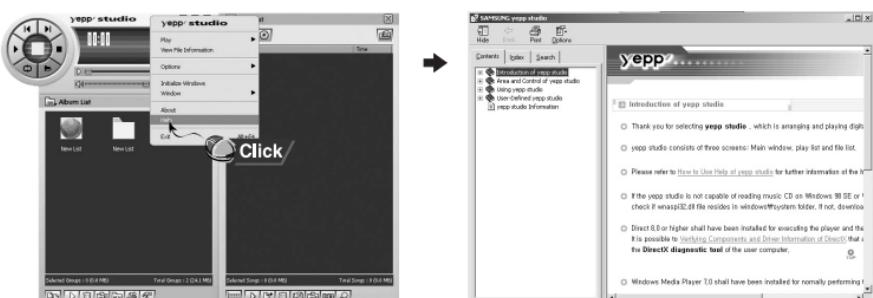
To View Help on yepp Studio

Run yepp Studio and press F1.

- Help will appear.

Move the arrow to the top of yepp Studio and right click on the mouse.
The following selection window will appear.

- Click on Help and the Help window will appear.



Note

- Music recognition technology and related data are provided by Gracenote and Gracenote CDB® Music Recognition Service™.
- CDBB is a registered trademark of Gracenote. The Gracenote logo and logotype, the Gracenote CDBB logo and logotype, and the "Powered by Gracenote CDBB" logo are trademarks of Gracenote. Music Recognition Service and MRS are service marks of Gracenote.
- If a firewall is installed on the PC, it may not be possible to import CDBB information.

Installing Fitness Manager

1 Insert the Installation CD into your PC's CD-ROMdrive.
Select [Fitness Manager].



2 Choose the language you wish to use.



3 Click [Next] in the series of windows that appear.

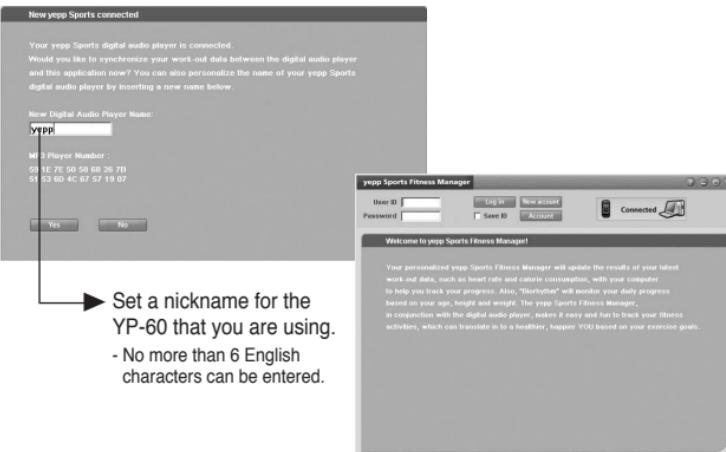


Using Fitness Manager

Log In

1 Turn on the yepp and connect it to your PC.

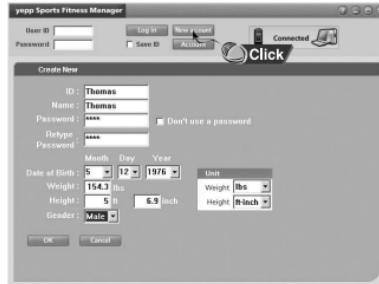
2 Click [yepp Sports Fitness Manager] on the desktop.



Set a nickname for the YP-60 that you are using.

- No more than 6 English characters can be entered.

3 When connecting to Fitness Manager for the first time, click [New Account] and create a new username of 6 letters or less.



4 Press the [OK] button after entering your personal information.



5 After entering a username and password, log in by clicking [Login].



Note

- If Fitness Manager is run after connecting the device to the PC, the measured data saved on the device will be updated automatically to the PC and then deleted.
- Fitness Manager cannot be used while yepp Studio is running.

Using Fitness Manager

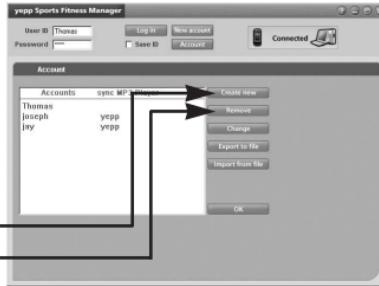
Setting Up a User

1 Turn on the yepp and connect it to your PC.

2 Click [Account] after selecting Fitness Manager.

3 After setting up the user, click the [OK] button.

Setting Up a New User
Deleting a User



Using Fitness Manager

Calorie List

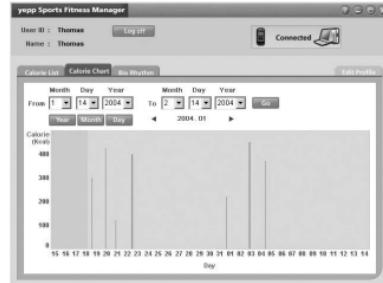
- You can see the measured data that has been saved.
 - Data : Displays the data and time when a user takes exercise.
 - Exercise time : Displays the exercise in Hour and Minute.
 - Starting HR : Displays Heart rate(bmp) before exercise.
 - Final HR : Displays Heart rate(bmp) after exercise.
 - Calorie Data : Displays the calorie consumption(kcal).
 - Remark : Displays the contents that a user enters.

Date	Exercise time	Starting HR	Final HR	Calorie Data	Remark
11-19-2003	0:22	76.0	102.0	300	running
11-16-2003	17:30	75.0	102.0	450	running
11-14-2003	12:00	75.0	102.0	220	baseball
11-05-2003	6:00	75.0	102.0	400	running
11-03-2003	17:00	75.0	102.0	120	tennis
11-02-2003	7:00	75.0	102.0	425	tennis
11-01-2003	9:10	75.0	101.0	300	running

Calorie Chart

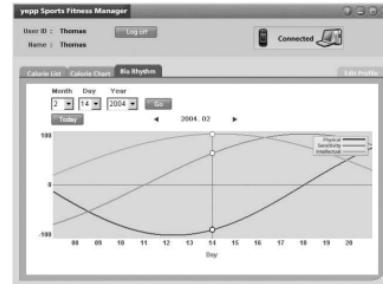
- You can check the calories consumed as a result of exercise in units of years, months and days.

- Year** : Displays calorie data for one year based on the current point.
- Month** : Displays calorie data for one month based on the current point.
- Day** : Displays calorie data by time as of today.



Biorhythm

- You can check the biorhythm of the selected user.



Note

- If [Edit Profile] is clicked, personal information can be changed.
- The resulting graph of the biorhythm reflects the statistical values of the measured data and so may be different from the actual values.
- Refer to Help for more detailed information about using yepp Studio.

Playing Music and Turning Off the Device

Turning Power On and Off

- Power On : Press and hold the **▶||** button to turn on the power.
- Power Off : Press and hold the **▶||** button to turn off the power.

Playing Music

Press the **▶||** button.

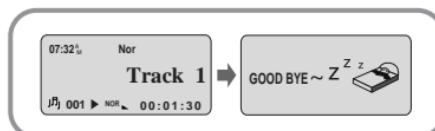
- Playback starts.



Pausing Music

Press the **▶||** button to pause playback.

- While in Pause mode, briefly press **▶||** again to resume playback.



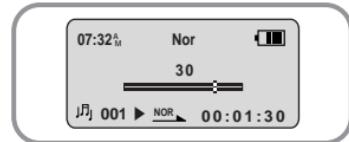
Note

- WMA files can be played only as music files with a compression rate of 64Kbps-192Kbps, that can be created in Windows Media Player (Version 8.0).
- The power off time can be set in the menu.

Adjusting the Volume/Hold Function

Adjusting the Volume

Press the **-**, **+** buttons to adjust the volume.



Note

- The volume can be adjusted in increments between 0 and 40.
- Press the **-**, **+** buttons once to adjust the volume by one step.
- Press and hold the **-**, **+** buttons to increase or decrease the volume in greater increments.

HOLD Function

In Hold mode, all buttons are disabled.

Slide the **■ HOLD** switch on the player in the direction of the arrow.

- When the button is pressed, the "HOLD!" message will appear on the display.



Searching for Music/Voice Files

To search for specific parts during play

- A desired passage can be searched for by pressing and holding down the **◀◀**, **▶▶** buttons during play.

To change tracks during play

- If the **▶▶** button is pressed during play, the next track is played.
- If the **◀◀** button is pressed before five seconds have passed since starting to play a track, the previous track is played and if the **◀◀** button is pressed after five seconds, the current track is replayed from the beginning.

To change tracks when stopped

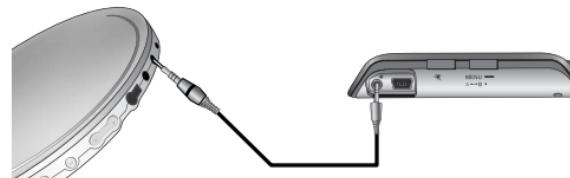
- If the **◀◀**, **▶▶** buttons are pressed when stopped, the yepp moves to the previous or next track, respectively.

Note

- VBR(Variable Bit Rate) file: A file that constantly changes the compression rate according to the type of sounds, such as their pitch, in the file.
- With VBR files, pressing the **◀◀** button within 5 seconds from the start of the track may not result in the previous track playing.
- Files that were downloaded in MP2 or MP1 and had their file extension changed to MP3 may not play.

Encoding MP3s

- 1 Connect the Audio Output port on the external audio source (or the Line Out port) to the ENC port on the device with the Line in cable.



- 2 If the ENC button is pressed, MP3 encoding begins.
 - If the **▶▶** button is pressed, encoding is paused and if the **▶▶** button is pressed again, the encoding resumes.
- 3 If the ENC button is pressed during encoding, the encoding stops and an encoding file is created.
 - Encoding is performed in order (ENC001, ENC002, etc.) and files are saved in the MP3 format after encoding.

Note

- The bit rate can be set to 64Kbps, 96Kbps and 128Kbps.
- During encoding, there is no beeping sound and the button lights and backlight do not illuminate.

Caution

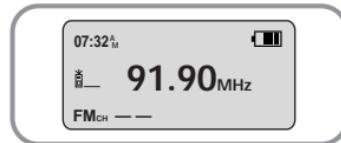
- Do not disconnect the Line cable during Encoding.
- If the battery is not sufficiently charged, encoding will not be done.
- Adjust the volume of the external audio source to a suitable level and encode it. If the volume level is extremely high, the sound quality may not be good.

Listening to FM Radio

Select FM mode first. (Refer to "Changing Modes")

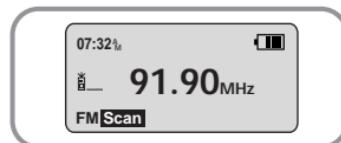
Manual Search for a Frequency

- Press the **◀◀**, **▶▶** buttons to search manually for the desired frequency.



Automatic Search for a Frequency

- Press and hold the **◀◀**, **▶▶** buttons in order to search for and stop at frequencies with reception.

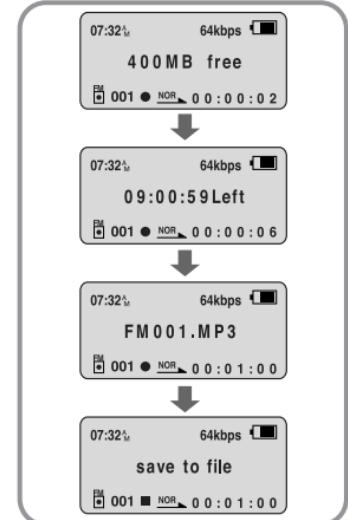


Encoding From FM Radio

Doing FM encoding

- Press the ENC button during FM reception.
 - Encoding of the currently transmitted FM broadcast begins.

- Press the ENC button again.
 - A file is created and the encoding stops.
 - Files are saved in order, starting FM001, FM002...etc., and stop automatically when the memory is full.



Note

- During encoding, there is no beeping sound and the button lights and back light do not illuminate.
- Encoded files will become 64Kbps files after they are encoded from FM.

Loop Repeating

Starting Point

While playing music files, press the **A↔B •** button briefly at the beginning of the loop you want to set.

A↔ appears in the display.



Ending Point

Press the **A↔B •** button briefly again to set the end of the loop.

A↔B appears in the display.
The loop is played repeatedly.



Note

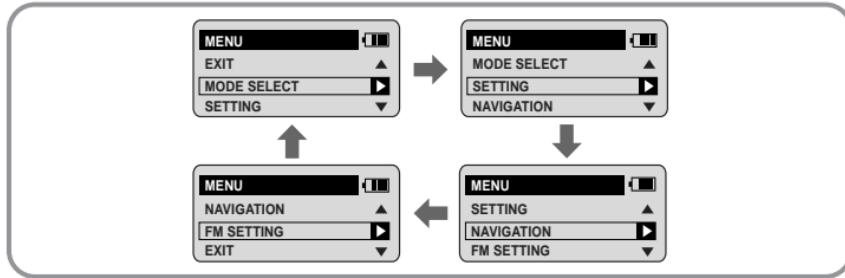
- Press the **A↔B •** button briefly to cancel the loop.
- Loop Repeat is automatically released if you Speed Search with the **◀▶** buttons.

MENU Mode

Press and hold the **MENU** button while in Music/Voice Mode.

After navigating with the **↔** buttons, press the **▶||** button to select the desired menu.

Menu mode is cancelled if the **MENU** button is pressed.



- **MODE SELECT** : When changing modes.
- **SETTING** : When changing the yepp's advanced functions.
- **NAVIGATION** : When performing a simple search for saved music files.
- **FM SETTING** : When saving frequencies automatically or checking saved frequencies.
- **EXIT** : To exit MENU.

Note

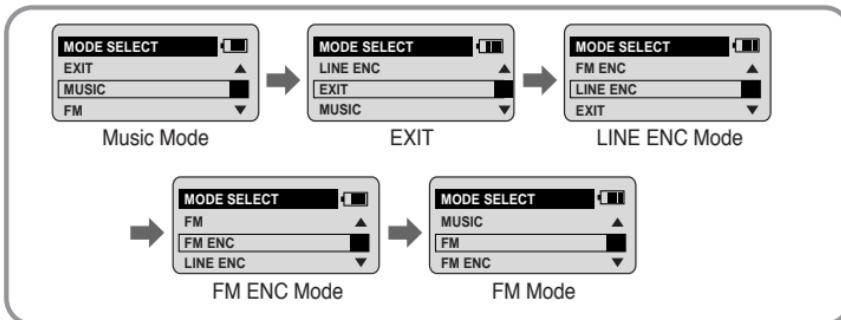
- In MENU mode, no input for 30 seconds will cancel the MENU mode.

Changing Modes

1 Press and hold the **MENU** button.

2 After using the **-, +** button to move to MODE SELECT, press the **▶||** button.

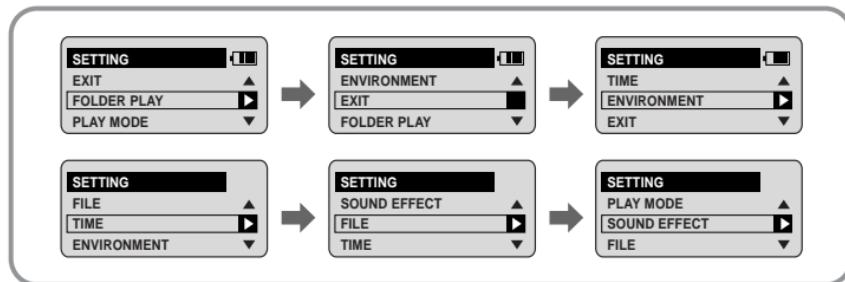
3 Move to the mode you want by using the **-, +** buttons, and then press the **▶||** button.



Setting Advanced Functions

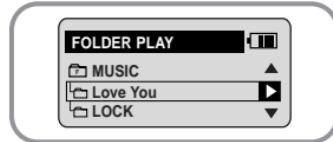
1 Select **SETTING** in the MENU. (Refer to "MENU Mode")

2 In **SETTING**, after moving to the desired function with the **-, +** button, press the **▶||** button.



Playing Folders

- 1 Select FOLDER PLAY in SETTING menu.
 - The saved folders are shown.

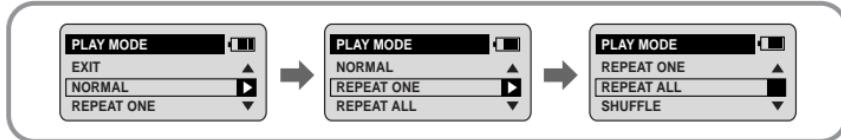


- 2 In PLAY MODE, after moving to the desired folder with the **-**, **+** button press the **▶II** button.
 - The files in the selected folder are played.
 - FOLDER PLAY does not work when there aren't any files in the folder.
 - Move to each respective mode by selecting MUSIC, FM ENC or LINE ENC.



Selecting the Play mode

- 1 Select PLAY MODE in SETTING menu.
- 2 In PLAY MODE, after moving to the desired mode with the **-**, **+** button, press the **▶II** button.

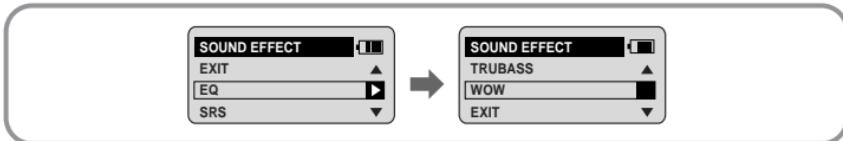


- NORMAL : To play all the tracks in order one time.
- REPEAT ONE : To repeat one track.
- REPEAT ALL : To repeat all tracks.
- SHUFFLE : To play tracks at random.
- EXIT : To move to the higher-level menu.

Setting Sound Effects

1 Select SOUND EFFECT in SETTING menu.

2 In SOUND EFFECT, after moving to the desired sound mode with the **-, +** button, press the **▶||** button.



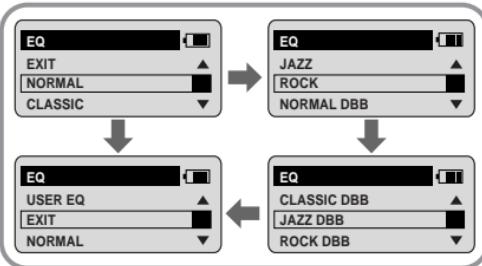
- SRS (◎) : You will hear 3D Stereo sound.
- TRUBASS (■) : This is a bass boost feature that adds fullness to the sound.
- WOW : This feature allows you to enjoy the SRS and Trubass features simultaneously.
- EXIT : To move to the higher-level menu

Note

- Please adjust the volume to a suitable level, as the volume may increase in the SRS setting.
- This unit supports sampling frequencies of 32KHz, 44.1KHz or 48KHz.
- You can only set SRS functions in Music Mode.

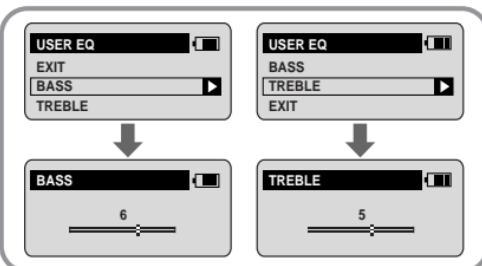
EQ

1 Use the **-, +** buttons to move to the setting you want (out of the 4 settings available) and press the **▶||** button to select.



2 If you want to manually adjust the equalizer, select User EQ and Bass/Treble.

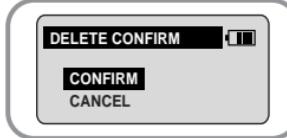
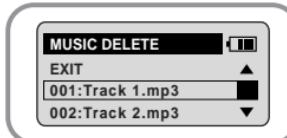
- BASS/TREBLE can each be adjusted from 0 to 10 with the **-, +** button.



Managing Files

Deleting

- 1 Select FILE in SETTING.
- 2 Select DELETE and then move to the file you wish to delete.
 - If EXIT is selected, files in other folders can also be selected.
- 3 Select CONFIRM in the DELETE CONFIRM Window after pressing the **▶II** button.
 - The selected file is deleted.

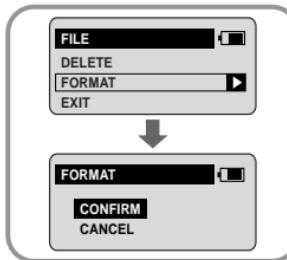


Formatting

- 1 Select FILE in SETTING.
- 2 Select FORMAT in FILE.
 - Formatting is performed if CONFIRM is selected.

Note

- All files are deleted if the yepp is formatted.

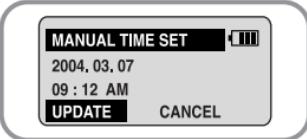


Setting Times

Select TIME in SETTING menu.

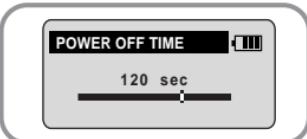
WATCH TIME SET

- Use the **-, +** buttons to set the clock time manually.
- Select UPDATE to finish setting the time after setting manually.



POWER OFF TIME

- Use the **-, +** buttons to set the POWER OFF TIME.
- The power off time can be set from 3 to 180 seconds. After stopping playback, the power is turned off automatically if no buttons have been pressed during the set time.
- When set to NO POWER OFF, the power does not turn off even when the device is stopped.



Setting Times

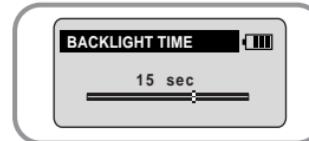
SLEEP TIME

- Use the **—**, **+** buttons to set the SLEEP TIME.
- The sleep time can be set from 3 to 180 minutes. The power turns off automatically after the set time has passed.
- When set to NO SLEEP, the power does not turn off automatically.



BACKLIGHT TIME

- Use the **—**, **+** buttons to set the Backlight "ON" time.
- The setting range for Backlight-On Time is 0 to 30 seconds.
- When set to Always On, the backlight stays on continuously.



Note

- The backlight does not illuminate when the residual battery level is insufficient.

Setting the Environment

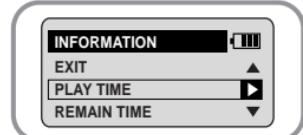
Select ENVIRONMENT in the SETTING menu.

DISPLAY

Select DISPLAY in the ENVIRONMENT.

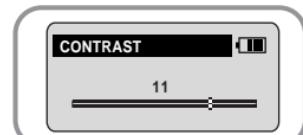
INFORMATION

- Use the **—**, **+** buttons to select the music mode and select the content to be displayed at the top of the Screen Display Window.
- PLAY TIME : Displays the current play time
- REMAIN TIME : Displays the remaining play time
- REMAIN MEMORY : Displays the remaining memory
- BIT RATE : Displays the wave bit rate that is being played



CONTRAST

- Use the **—**, **+** buttons to set the Contrast.
- The setting range for the contrast, which adjusts the brightness of the screen, is from 0 to 15.



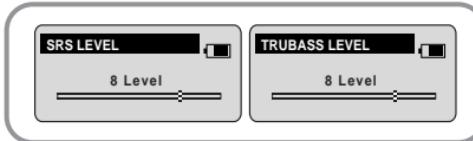
Setting the Environment

SOUND CONTROL

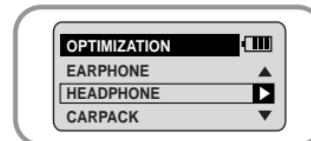
Select SOUND in ENVIRONMENT.

WOW LEVEL

- The levels of SRS and TRUBASS can be adjusted.
- Use the **-**, **+** buttons to select the level you want.
- The level for SRS and TRUBASS can each be set within the range of 0 to 10.

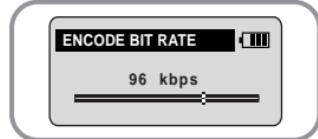


- If OPTIMIZATION is selected, the SRS function is optimized to the connected device.
- Set the desired device to earphone, headphone, speaker or carpack (car cassette adapter) by using the **-**, **+** buttons.



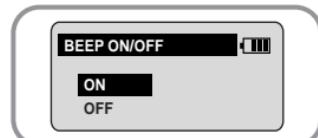
ENCODE BIT RATE

- Use the **-**, **+** buttons to set the desired MP3 encoding bit rate.
- You can set the desired bit rate to 64kbps, 96kbps or 128kbps when doing MP3 encoding.



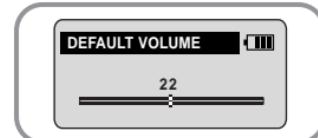
BEEP ON/OFF

- Use the **-**, **+** buttons to set the BEEP mode.
- BEEP ON : A beep sounds each time a button is pressed.
- BEEP OFF : No beep sounds when a button is pressed.



DEFAULT VOLUME

- Use the **-**, **+** buttons to set the DEFAULT VOLUME.
- It is possible to set the default volume to a value between 0 and 40. If the power is turned on again after having adjusted the volume above the default value, music is played at the default volume.
- If the power is turned on again after the volume was set to within the default value, the music is replayed at the previously played volume.



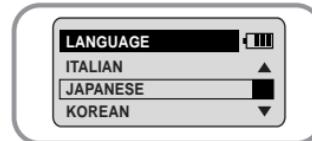
Setting the Environment

Setting Additional Regional Functions

Select COUNTRY in SETTING menu.

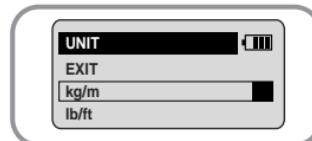
LANGUAGE

- Use the **-, +** button to select the desired menu language from among nine languages.
- The menu is shown in the selected language.
- SETTING, ENVIRONMENT, COUNTRY and LANGUAGE are shown only in English.



UNIT

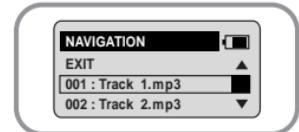
- Use the **-, +** button to select kg/m or lb/ft as the measurement units.



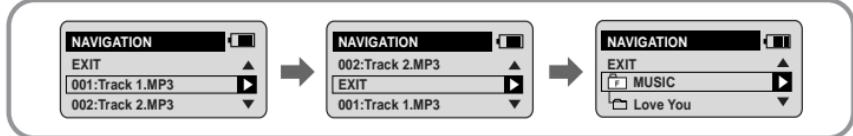
Using Navigation

* Up to 256 files can be searched for each folder.

- 1 Press and hold the **ENC/NAVI.** button.
 - The file that is currently being played is shown.



- 2 After using the **-, +** button to move to NAVIGATION, press the **▶||** button.
 - If EXIT is selected, you can move to another folder.



- 3 Select the file or folder that you want to play.
 - **▶||, ▶** : When entering a folder or when playing a file.
 - **◀** : When moving to a higher-level folder. When leaving NAVIGATION mode.
 - **-, +** : When moving to a file or folder in the same directory.

Setting FM

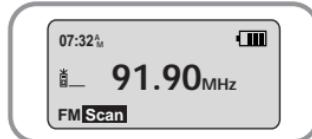
Automatic Storage of a Frequency

1 Press and hold the **MENU** button while in FM Mode.

- FM SETTING is shown.

2 After moving to AUTO PRESET using the **-, +** button, press the **▶||** button.

- Frequencies within the range of 87.5MHz to 108MHz are automatically selected and stored.
- Frequencies are automatically stored, starting from 1.

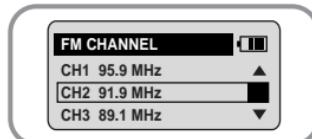


Searching Stored Frequencies

1 Press and hold the **MENU** button while in FM Mode.

- FM SETTING is shown.

2 Press the **▶||** button after using the **-, +** buttons to move to the desired FM CHANNEL.



Note

- You can store up to 20 frequencies.

Using Sports Function

* Caution when measuring your heart rate

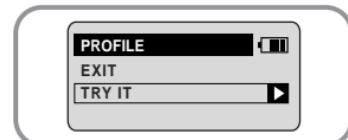
- Don't press too hard when placing your finger on the sensor.
- Don't move your finger during measurement.

Setting the User

Before using the sports functions select the user.

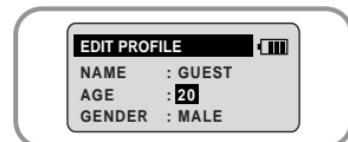
1 Press the Sports Function Select **◀** button.

2 Select PROFILE in SPORTS FUNCTION.



3 Select a user ID registered on the PC or TRY IT and set the age, sex, height and weight of the user.

4 Select CREATE after the setting is complete.



Note

- When measuring after selecting TRY IT, data is not saved.

Using Sports Function

Measuring Calories Consumed

Measure your heart rate before and after exercise in order to find out the calories burned.

1 Before starting exercise, press the Sports Function Select  button.

2 Select CALORIE COUNTER in SPORTS FUNCTION.
● Shows the selected user and whether or not measurement has started.

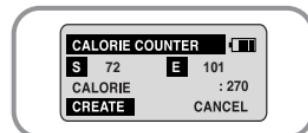
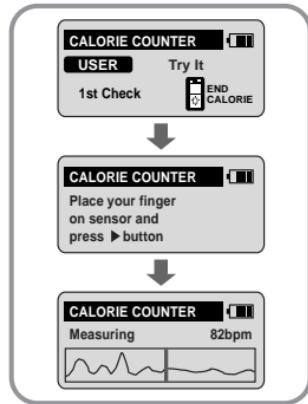
3 After placing your finger on the sensor on the top of the device, press the  button.

- Measurement of heart rate starts.
- When the heart rate measurement finishes, the heartrate that was measured is saved automatically and a “

4 Measure your heart rate one more time after finishing your exercise as in #2 and #3 above.

- Shows the calories consumed by your exercise.
- The calories are shown in kcal units.

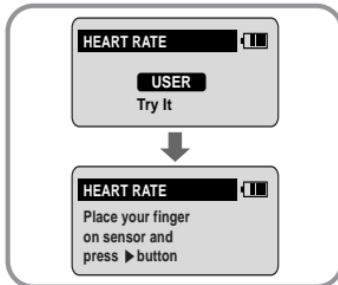
5 If you want to save the data, select CREATE.
● The measured data is saved.



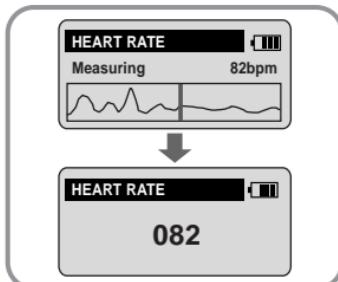
Measuring Heartrate

1 Press the Sports Function Select  button.

2 Press the  button in SPORTS FUNCTION and select HEART RATE MONITOR.
● The selected user and whether a measurement has started will be shown.



3 After putting your finger on the sensor on the top of the device, press the  button.
● Heart rate measurement starts.
● When measurement is complete, the heart rate is shown on the screen.



Using Sports Function

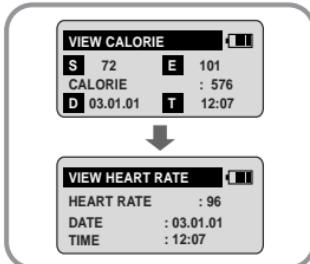
Checking the Database

1 Press the Sports Function Select  button.

2 Select DATABASE in SPORTS FUNCTION.

3 To see the consumed calories measured, select VIEW CALORIES. To see the heart rate, select VIEW HEART RATE.

- Shows the most recently measured data.

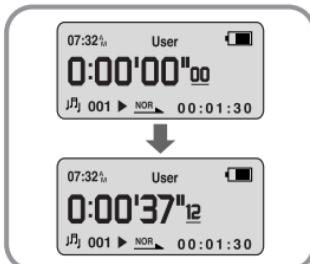


STOP WATCH function

1 Press the Sports Function Select  button twice.
● Shows the STOP WATCH.

2 Press the ENC/NAVI. button.
● Time measurement starts.

3 Press the ENC/NAVI. button one more time.
● The time measurement finishes.



Measuring Lap Time

You can measure the user's interval time when exercising, such as when jogging or running a marathon.

1 Press the Sports Function Select  button twice.
● Shows the STOP WATCH.

2 Press the ENC/NAVI. button.
● Time measurement starts.

3 Press the  button during time measurement.

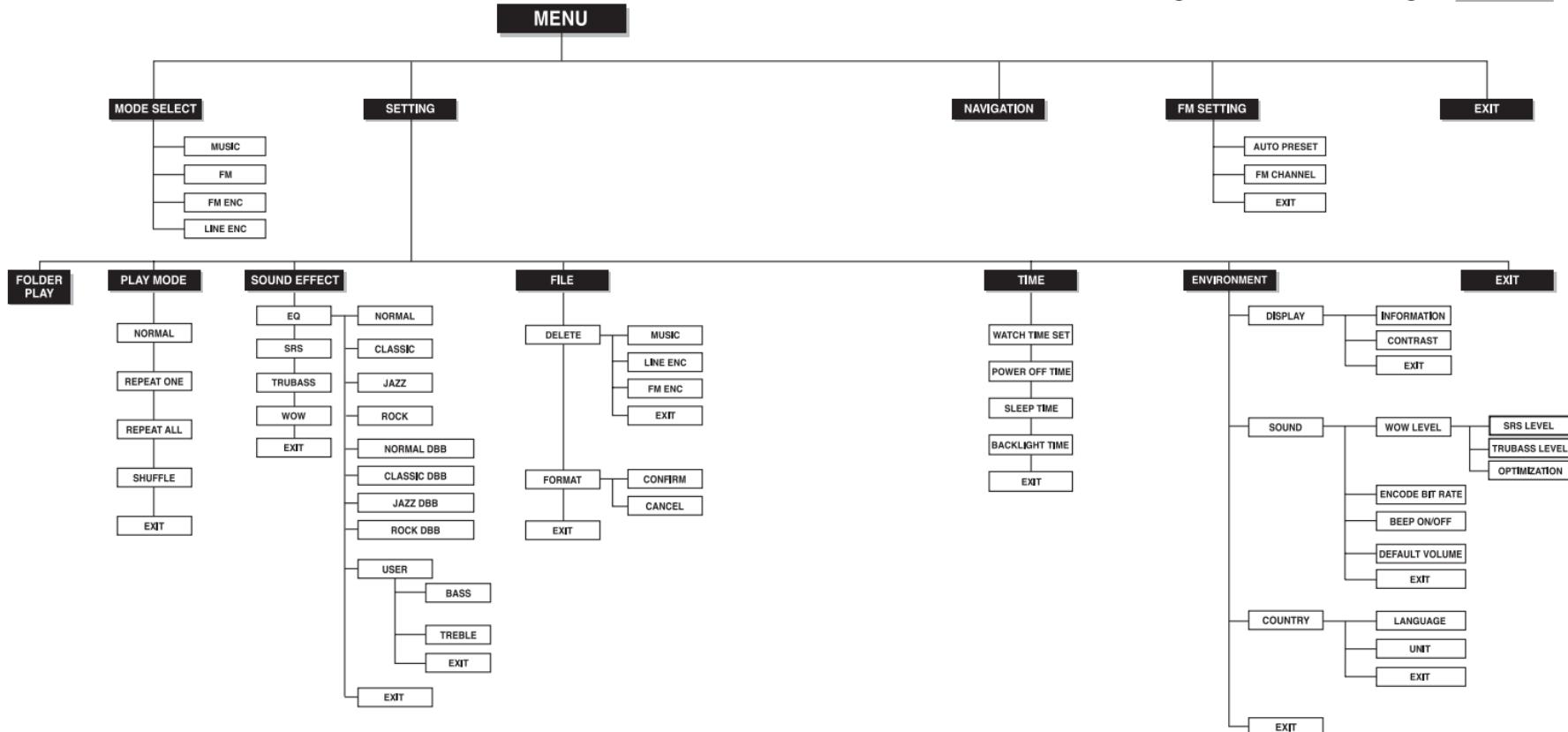
- “LAP” is shown and the lap time is recorded every time the  button is pressed.
- A maximum of **nine** lap times can be recorded.
- Press the  button to record up to **nine** lap times and then press the  button to stop.

The **nine** lap times and ending time are shown.



MENU Table

● Use the **-**, **+** button to navigate and then select using the **MENU ** button.



Troubleshooting

The software doesn't work

- Refer to the recommended PC specifications.

The yepp does not work and the LCD displays nothing.

- Check the condition of the rechargeable battery.
- Press the RESET hole on the side of the main unit with a pin.
- If a problem continues after you reset the main unit, try to use after formatting.
Since format is not supported in PC, make sure to format using the Format function in the menu of main unit.

In PLAY mode, music is not played after pressing the ▶II button

- Verify that the device is currently set to Music mode.
- Check to see if MP3 or WMA files are saved in the built-in memory.
- Check to see if the HOLD switch is locked.
- Check if the REC button is on.

Files cannot be downloaded.

- Check the condition of the rechargeable battery.
- Check the connection between yepp and computer.
- Check and/or replace the battery, turn on the yepp's power.

Backlight does not work.

- Check the backlight setup.
- When the current and voltage of the rechargeable battery are low, the backlight automatically stays off in order to play longer.

The buttons do not work.

- Check the Hold switch setting.
- Press the RESET hole on the side of main unit with pin smaller than the hole.

The yepp keeps turning off.

- In Stop mode, the power is automatically turned off after ten seconds (changes depending on settings).
- Check to see if there are files saved in it.

Something is wrong with the play time displayed during Play mode.

- The "VBR SONG" message is displayed while VBR (Variable Bit Rate) files are playing.

LCD window is dark

- Check Contrast.

Strange characters are displayed on the screen during playback.

- Change the language setting in the menu.

External case of yepp gets dirty.

- Wipe out with eraser or wet towel after squeezing out moisture.

Specifications

Model	YP-60
Built-in Memory capacity	128MB(YP-60 H)/256MB(YP-60 V)/512MB(YP-60 X)/1GB(YP-60 Z)
Voltage	3.7V (Li-polymer battery)
Playing time	Lasts up to 15hours (MP3 128Kbps, Vol level 20)
Recharge time	Approximately three hours.
Maximum number of files that can be saved	Up to 256 files (per folder).
Dimensions/Weight	39X93X17mm/47g (Battery included)
Case	Plastic
Noise Ratio	80dB with 20KHz LPF
Earphones Jack Output Power	6mW(Max 10mW)/CH (16 Ω)
Output Frequency Range	20Hz~20Khz
Operating Temperature Range	-5 ~ +35°C(23~95°F)
FM Frequency	87.50 ~ 108.00 MHz
FM Signal to Noise Ratio	50dB
FM T.H.D	1%
FM Useable Sensitiivity	10dB
File Support	MPEG1/2/2.5 Layer3(8Kbps ~ 320Kbps, 8KHz ~ 48KHz) WMA (64Kbps ~ 192Kbps, 32Khz, 44.1Khz, 48Khz)

MEMO